

databases, it would not be in the public interest to require the industry to redesign their products to meet this requirement.⁹⁸

The Wi-Fi Alliance asserts that all wireless microphones should be required to access a database, including licensed wireless microphones which should receive channel assignments from a database.⁹⁹ The white space database was conceived as a method of protecting television and other licensed operations from WSDs, something that wireless microphones have done for years without being required to have database control. There is no justification for imposing database control on wireless microphones.

Microsoft claims that it would be “arbitrary and capricious” if the FCC did not impose the same database access requirement on both WSDs and wireless microphones.¹⁰⁰ Considering the differences in the two types of technologies,¹⁰¹ the Commission would be arbitrary and capricious if it were to require database control for wireless microphones, as the impact on wireless microphone use would be extremely different from the impact on WSDs and nothing has changed to justify this new requirement.

5. Registration Protection for Unlicensed Wireless Microphones Must be Retained.

The Commission proposed eliminating the protection of unlicensed wireless microphones that are registered with a white space database.¹⁰² Sennheiser opposed this rule change because it would take away the ability of many professional performance companies to operate free of

⁹⁸ While the WhiteSpace Alliance touts the “success stories” of white space databases employed in other parts of the world, *see* Comments of the WhiteSpace Alliance at 6, this grossly overstates the actual real-world experience of U.S. white space database administrators.

⁹⁹ Comments of the Wi-Fi Alliance at 39-40.

¹⁰⁰ Comments of Microsoft at 36.

¹⁰¹ *See* Comments of Sennheiser at 11-12; Comments of Audio-Technica at 12 and 14.

¹⁰² NPRM at ¶¶ 185-187.

interference from WSDs.¹⁰³ More than sixty parties agree, including the Baltimore Symphony Orchestra, the Houston Orchestra, the Steppenwolf Theater in Chicago, the Signature Theater in Arlington, and the Yale School of Drama and Yale Repertory Theater.¹⁰⁴

WISPA questions the merits of database protection, concluding that “it is unlikely that the broadband signal would interfere with the wireless microphone because the broadband signal [from a WSD] occupies almost the entire six megahertz channel while the wireless microphone likely only occupies 200 kHz or even less of the channel. In this example, only 1/30th (3.3 percent) of the broadband signal energy would ever be detectable by the 200 kHz wireless microphone receiver.”¹⁰⁵ WISPA’s conclusions are wrong. A TV signal is also 6 MHz wide, and wireless microphones must avoid it to elude interference. Moreover, wireless microphone transmitters send a signal that is within 200 kHz but a receiver captures a wider bandwidth, even with filtering incorporated.

C. The 600 MHz Transition.

The wireless microphone manufactures have agreed to the Commission’s proposed cutoff dates for certification and marketing of equipment that can operate on the repurposed 600 MHz band.¹⁰⁶ But as Sennheiser detailed in comments filed in the concurrent wireless microphone opportunities NPRM, the Commission must manage the transition carefully.¹⁰⁷ With regard to

¹⁰³ Comments of Sennheiser at 19-20.

¹⁰⁴ See Comments of the Baltimore Symphony Orchestra at 1; Comments of the Houston Symphony at 1; Comments of the Steppenwolf Theater at 1; Comments of the Signature Theater at 1; Comments of the Yale School of Drama and Yale Repertory Theater at 1; *see also* Comments of Shure at 30.

¹⁰⁵ Comments of WISPA at 21.

¹⁰⁶ See Comments of Sennheiser at 21; Comments of Shure at 41.

¹⁰⁷ Sennheiser Opportunities Comments at 19.

rules adopted in this proceeding, the industry agrees that wireless microphones able to operate on other portions of the 600 MHz band should not become unlawful solely because they also can operate on the repurposed spectrum.¹⁰⁸ As Shure points out, the Commission did not impose this requirement on white space devices, and provides no explanation as to why wireless microphones should be singled out.¹⁰⁹

WISPA requests that 600 MHz licensees provide notification to the Commission and a white space database administrator at least 60 days prior to commencing operations.¹¹⁰ Sennheiser supports this notification requirement, as it would allow wireless microphone operators to maximize use of the 600 MHz spectrum while developing new products for other spectrum bands.

CTIA requests that the FCC expedite the transition of wireless microphones from 600 MHz.¹¹¹ CTIA does not present compelling reasons for the Commission to impose a more rapid transition period. The transition of the repurposed spectrum is dependent upon the repacking process. Any decrease in the amount of time will greatly harm the industry, as wireless microphone users must be able to maximize the useful life of 600 MHz equipment, and wireless microphone manufacturers must have time to develop products for new frequency bands. The time to market for newly designed wireless microphones is at least several years, particularly for products that will operate on newly accessed bands. For these reasons, the suggested expedited timelines are unjust, unwarranted and infeasible. However, if CTIA would like to assist in expediting the transition of wireless microphones from 600 MHz, it can agree to Sennheiser's

¹⁰⁸ Comments of Sennheiser at 21; Comments of Shure at 42.

¹⁰⁹ *Id.*

¹¹⁰ Comments of WISPA at 17.

¹¹¹ Comments of CTIA at 43-44.

proposal to have auction winners pay fair, prorated compensation to wireless microphone owners for equipment rendered obsolete.

CONCLUSION

The wireless microphone industry has demonstrated that the Commission must modify its suggested rules to better balance the needs of wireless microphone users and white space devices. Wireless microphone users require two blocks of separated, clean UHF spectrum for hyper-critical wireless microphone use, and as well as additional protections that will allow wireless microphone operations access to the maximum amount of UHF spectrum free from interference by WSDs. Any database control of wireless microphones is impractical and unwarranted. The Commission also should ensure ample time to develop equipment for alternative bands and minimize the hardship of wireless microphone owners.

Respectfully submitted,



Laura Stefani
FLETCHER, HEALD & HILDRETH, P.L.C.
1300 North 17th Street, 11th floor
Arlington VA 22209
(703) 812-0400
Counsel for Sennheiser Electronic Corporation

February 25, 2015

COURTESY SERVICE LIST

Tom Wheeler, Chairman
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Commissioner Mignon Clyburn
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Commissioner Jessica Rosenworcel
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Commissioner Ajit V. Pai
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Commission Michael O'Rielly
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Gary Epstein, Senior Advisor and Chair,
Incentive Auction Task Force
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Howard Symons, Vice Chair
Incentive Auction Task Force
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Julius Knapp, Chief
Office of Engineering and Technology
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Alan Stillwell, Deputy Chief
Office of Engineering and Technology
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Ira Keltz, Deputy Chief
Office of Engineering and Technology
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Jamison Prime
Spectrum Policy Branch Chief
Office of Engineering and Technology
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Mark Settle
Chief, Policy and Rules Division
Office of Engineering and Technology
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Mark Colombo
Electrical Engineer
Office of Engineering and Technology
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

William Lake, Chief
Media Bureau
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Rebecca Hanson
Senior Advisor/Special Counsel
Media Bureau
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Barbara Kreisman, Chief
Video Division
Media Bureau
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Alison Neplokh, Chief Engineer
Media Bureau
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Roger Sherman, Chief
Wireless Telecommunications Bureau
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

John Leibovitz, Deputy Chief
Wireless Telecommunications Bureau
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Margaret Wiener, Chief
Auctions & Spectrum Access Division
Wireless Telecommunications Bureau
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Gary Michaels, Deputy Chief
Auctions & Spectrum Access Division
Wireless Telecommunications Bureau
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Craig Bomberger, Associate Chief
Auctions & Spectrum Access Division
Wireless Telecommunications Bureau
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

William Huber, Associate Chief
Auctions & Spectrum Access Division
Wireless Telecommunications Bureau
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Erik Salovaara, Assistant Chief
Auctions & Spectrum Access Division
Wireless Telecommunications Bureau
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Kelly Quinn, Assistant Chief
Auctions & Spectrum Access Division
Wireless Telecommunications Bureau
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Paul Murray, Associate Chief
Wireless Telecommunications Bureau
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

Chad Breckinridge, Associate Bureau Chief
Wireless Telecommunications Bureau
Federal Communications Commission
445 12th Street, SW
Washington, DC 20554

James Stoffo
Frequency Coordination Report

Show Name
NBA All Stars 2014
 378 Frequencies Listed

Customer: Professional Wireless Systems

Point of Contact

Show Notes:

TV Channels:(New Orleans, LA 70130)

NTSC: 22, 28

ATSC (DTV): 11, 15, 21, 24, 26, 31, 36, 47, 50

Sorted By Frequency						
Name	Model	Interval	Frequency	Channel	Zone	Assignment TV Ch
Firehouse	Comtek BST-25 5/6		76.600	5/5	GREEN ZONE	Unassigned5
Firehouse	Comtek BST-25 5/6	1.000	77.600	5/15	GREEN ZONE	Unassigned5
Firehouse	Comtek BST-25 5/6	1.200	78.800	5/27	GREEN ZONE	Unassigned5
Firehouse	Comtek BST-25 5/6	1.500	80.300	5/42	GREEN ZONE	Unassigned5
Firehouse	Comtek BST-25 5/6	.600	80.900	5/48	GREEN ZONE	Unassigned5
Firehouse	Sennheiser EM3732-II L	389.125	470.025		GREEN ZONE	Unassigned14
Firehouse	Telex BTR-800 88 RX	.400	470.425		GREEN ZONE	Unassigned14
TNT Game	Shure UHF-R G1	.300	470.725		GREEN ZONE	Unassigned14
Firehouse	Telex BTR-800 88 RX	.550	471.275		GREEN ZONE	Unassigned14
TNT Game	Shure UHF-R G1	.350	471.625		GREEN ZONE	Unassigned14
Firehouse	Telex BTR-800 88 RX	.300	471.925		GREEN ZONE	Unassigned14
Firehouse	Telex BTR-800 88 RX	.400	472.325		GREEN ZONE	Unassigned14
Firehouse	Sennheiser EM3732-II L	.350	472.675		GREEN ZONE	Unassigned14
Firehouse	Telex BTR-800 88 RX	.950	473.625		GREEN ZONE	Unassigned14
Firehouse	Telex BTR-800 88 RX	.700	474.325		GREEN ZONE	Unassigned14
TNT Game	Shure UHF-R G1	.500	474.825		GREEN ZONE	Unassigned14
Firehouse	Telex BTR-800 88 RX	.300	475.125		GREEN ZONE	Unassigned14
Firehouse	Sennheiser EM3732-II L	.400	475.525		GREEN ZONE	Unassigned14
TNT Game	Shure UHF-R G1	.300	475.825		GREEN ZONE	Unassigned14
Firehouse	Telex BTR-800 88 RX	6.400	482.225		GREEN ZONE	Unassigned16
Firehouse	Telex BTR-800 88 RX	.900	483.125		GREEN ZONE	Unassigned16
TNT Game	Shure UHF-R G1	.500	483.625		GREEN ZONE	Unassigned16
Firehouse	Telex BTR-800 88 RX	.900	484.525		GREEN ZONE	Unassigned16
Firehouse	Telex BTR-800 88 RX	.700	485.225		GREEN ZONE	Unassigned16
Firehouse	Telex BTR-800 88 RX	.925	486.150		GREEN ZONE	Unassigned16
NBAE Allen Green	Lectrosonics Standard Block 19	.350	486.500	0/1	GREEN ZONE	Unassigned16
DanSzafra ENG	Lectrosonics Standard Block 19	.400	486.900	0/5	GREEN ZONE	Unassigned16
Firehouse	Telex BTR-800 88 RX	.625	487.525		GREEN ZONE	Unassigned16
DanSzafra ENG	Lectrosonics Standard Block 19	.975	488.500	1/5	GREEN ZONE	Unassigned17
Ty Williams NBAE	Lectrosonics Standard Block 19	1.400	489.900	2/3	GREEN ZONE	Unassigned17
Ryan Varti TSN	Lectrosonics Standard Block 19	1.900	491.800	3/6	GREEN ZONE	Unassigned17
Ty Williams NBAE	Lectrosonics Standard Block 19	.300	492.100	3/9	GREEN ZONE	Unassigned17
Firehouse	Telex BTR-800 F TX	1.275	493.375		GREEN ZONE	Unassigned17
TNT Studio	Telex BTR-800 F TX	.725	494.100		GREEN ZONE	Unassigned18
Firehouse	Telex BTR-800 F TX	1.625	495.725		GREEN ZONE	Unassigned18
Firehouse	Telex BTR-800 F TX	.300	496.025		GREEN ZONE	Unassigned18
TNT Studio	Telex BTR-800 F TX	.775	496.800		GREEN ZONE	Unassigned18
Firehouse	Telex BTR-800 F TX	.650	497.450		GREEN ZONE	Unassigned18
NBAE Matt	Lectrosonics Standard Block 19	.350	497.800	7/2	GREEN ZONE	Unassigned18
Firehouse	Telex BTR-800 F TX	.700	498.500		GREEN ZONE	Unassigned18
Firehouse	Telex BTR-800 F TX	1.275	499.775		GREEN ZONE	Unassigned18

Firehouse	Shure PSM-1000 G10	.650	500.425	GREEN ZONE Unassigned 19
Firehouse	Telex BTR-800 H TX	1.325	501.750	GREEN ZONE Unassigned 19
Firehouse	HME Pro 850 1 TX	1.525	503.275	GREEN ZONE Unassigned 19
Firehouse	Telex BTR-800 H TX	1.050	504.325	GREEN ZONE Unassigned 19
Firehouse	HME Pro 850 1 TX	1.250	505.575	GREEN ZONE Unassigned 19
Firehouse	Shure PSM-1000 G10	.875	506.450	GREEN ZONE Unassigned 20
Firehouse	Shure PSM-1000 G10	.625	507.075	GREEN ZONE Unassigned 20
Firehouse	HME Pro 850 2 TX	1.350	508.425	GREEN ZONE Unassigned 20
Firehouse	HME Pro 850 2 TX	3.050	511.475	GREEN ZONE Unassigned 20
NBAE Allen Green	Lectrosonics Standard Block 20	.525	512.000	0/0
Firehouse	Shure PSM-1000 G10	6.175	518.175	GREEN ZONE Unassigned 22 N
NBAE Jose Smith	Lectrosonics Standard Block 20	.425	518.600	4/2
Firehouse	Telex BTR-800 A TX	.300	518.900	GREEN ZONE Unassigned 22 N
Revolt	Generic	.400	519.300	GREEN ZONE Unassigned 22 N
Firehouse	Shure PSM-1000 G10	.325	519.625	GREEN ZONE Unassigned 22 N
Firehouse	Shure PSM-1000 G10	.650	520.275	GREEN ZONE Unassigned 22 N
ESPN Radio Bob White	Lectrosonics Standard Block 20	.425	520.700	5/7
Firehouse TELEX A2	Shure PSM-1000 G10	.600	521.300	GREEN ZONE Unassigned 22 N
NBAE Guss	Lectrosonics Standard Block 20	.400	521.700	6/1
Firehouse	Telex BTR-800 A TX	.400	522.100	GREEN ZONE Unassigned 22 N
Firehouse	Telex BTR-800 A TX	1.325	523.425	GREEN ZONE Unassigned 22 N
Hawks.com	Generic	.275	523.700	GREEN ZONE Unassigned 22 N
NBAE Jose Smith	Lectrosonics Standard Block 20	.400	524.100	7/9
NBAE Allen Green	Lectrosonics Standard Block 20	.300	524.400	7/C
Firehouse	Telex BTR-800 A TX	.375	524.775	GREEN ZONE Unassigned 23
Firehouse	Shure PSM-1000 G10	.450	525.225	GREEN ZONE Unassigned 23
Firehouse	Telex BTR-800 A TX	.375	525.600	GREEN ZONE Unassigned 23
Firehouse	Shure PSM-1000 G10	.400	526.000	GREEN ZONE Unassigned 23
New Orleans Pelicans	Sennheiser Evol G2 A	.350	526.350	GREEN ZONE Unassigned 23
TNT Studio Senn IFB	Sennheiser Evol G3 A	.575	526.925	GREEN ZONE Unassigned 23
Matt Stanton Mil Bucks	Sennheiser Evol G1 A	.300	527.225	GREEN ZONE Unassigned 23
Fox Sports Dave	Generic	.300	527.525	GREEN ZONE Unassigned 23
NBAE Jose Smith	Lectrosonics Standard Block 20	.575	528.100	A/1
Firehouse	Telex BTR-800 A TX	.325	528.425	GREEN ZONE Unassigned 23
Firehouse TELEX A2	Shure PSM-1000 G10	.350	528.775	GREEN ZONE Unassigned 23
WDSU	Lectrosonics Standard Block 20	.425	529.200	A/C
Firehouse	Shure PSM-1000 G10	.575	529.775	GREEN ZONE Unassigned 23
Hip Hop Non Stop	Sennheiser Evol G2 A	.675	530.450	GREEN ZONE Unassigned 24 D
TNT Studio Senn IFB	Sennheiser Evol G3 A	5.475	535.925	GREEN ZONE Unassigned 24 D
Firehouse	Shure PSM-1000 G10	.450	536.375	GREEN ZONE Unassigned 25
TNT Studio	Telex BTR-800 B TX	.700	537.075	GREEN ZONE Unassigned 25
TNT Game IFB	Lectrosonics Standard Block 21	.525	537.600	0/0
Firehouse	Shure PSM-1000 G10	.325	537.925	GREEN ZONE Unassigned 25
TNT Studio Senn IFB	Sennheiser Evol G3 A	.625	538.550	GREEN ZONE Unassigned 25
TNT Studio	Telex BTR-800 B TX	.325	538.875	GREEN ZONE Unassigned 25
TNT Game IFB	Lectrosonics Standard Block 21	.425	539.300	1/1
Firehouse	Shure PSM-1000 G10	.325	539.625	GREEN ZONE Unassigned 25
TNT Game IFB	Lectrosonics Standard Block 21	.475	540.100	1/9
TNT Studio Senn IFB	Sennheiser Evol G3 A	.425	540.525	GREEN ZONE Unassigned 25
Firehouse	Shure PSM-1000 G10	.375	540.900	GREEN ZONE Unassigned 25
ESPN Radio Bob White	Lectrosonics Standard Block 21	.400	541.300	2/5
Firehouse	Shure PSM-1000 G10	.300	541.600	GREEN ZONE Unassigned 25
TNT Game IFB	Lectrosonics Standard Block 21	.400	542.000	2/C
Spanish ENG	Generic	.500	542.500	GREEN ZONE Unassigned 26 D
Fox Sports Dave	Generic	5.450	547.950	GREEN ZONE Unassigned 26 D
Firehouse	Telex BTR-800 B TX	.300	548.250	GREEN ZONE Unassigned 27
Firehouse	HME Pro 850 4 TX	.300	548.550	GREEN ZONE Unassigned 27
Cameron Cox WOAI	Sennheiser Evol G2 A	.300	548.850	GREEN ZONE Unassigned 27

TNT Studio Senn IRB	Telex BTR-800 B TX	.300 549.150	GREEN ZONEUnassigned27
TNT Game IFB	Sennheiser Evol G3 A	.325 549.475	GREEN ZONEUnassigned27
NBAE Willie O	Lectrosonics Standard Block 21	.425 549.900 7/B	GREEN ZONEUnassigned27
TNT Studio	Lectrosonics Standard Block 21	.300 550.200 7/E	GREEN ZONEUnassigned27
Firehouse	Telex BTR-800 B TX	.300 550.500	GREEN ZONEUnassigned27
Firehouse	HME Pro 850 4 TX	.475 550.975	GREEN ZONEUnassigned27
Ty Williams NBAE	Telex BTR-800 B TX	.325 551.300	GREEN ZONEUnassigned27
TNT Studio Senn IFB	Lectrosonics Standard Block 21	.300 551.600 8/C	GREEN ZONEUnassigned27
Firehouse	Sennheiser Evol G3 A	.350 551.950	GREEN ZONEUnassigned27
Kenny Delbert	Telex BTR-800 B TX	.300 552.250	GREEN ZONEUnassigned27
NBAE Allen Green	Lectrosonics Standard Block 21	.350 552.600 9/6	GREEN ZONEUnassigned27
Firehouse	Lectrosonics Standard Block 21	.300 552.900 9/9	GREEN ZONEUnassigned27
Eric Ladet	Telex BTR-800 B TX	.400 553.300	GREEN ZONEUnassigned27
Firehouse	Lectrosonics Standard Block 21	.300 553.600 A/0	GREEN ZONEUnassigned27
TNT Game	Telex BTR-800 B TX	.300 553.900	GREEN ZONEUnassigned27
NBAE Dan Donatti	Telex BTR-800 C TX	.475 554.375	GREEN ZONEUnassigned28 N
Prototype Test	Lectrosonics Standard Block 21	.325 554.700 A/B	GREEN ZONEUnassigned28 N
NBAE Guss	RADcom G1 UHF	.450 555.150	GREEN ZONEUnassigned28 N
NBAE Dan Donatti	Lectrosonics Standard Block 21	.1250 556.400 B/C	GREEN ZONEUnassigned28 N
NBA TV	Lectrosonics Standard Block 21	.300 556.700 B/F	GREEN ZONEUnassigned28 N
Phoenix Suns	Telex BTR-800 C TX	.325 557.025	GREEN ZONEUnassigned28 N
TNT Studio	Generic	.325 557.350	GREEN ZONEUnassigned28 N
TNT Game	Telex BTR-800 C TX	.300 557.650	GREEN ZONEUnassigned28 N
NBAE Jose Smith	Telex BTR-800 C TX	.425 558.075	GREEN ZONEUnassigned28 N
TNT Game	Lectrosonics Standard Block 21	.1325 559.400 D/A	GREEN ZONEUnassigned28 N
TNT Studio	Telex BTR-800 C TX	.575 559.975	GREEN ZONEUnassigned28 N
Fox Sports	Telex BTR-800 C TX	.375 560.350	GREEN ZONEUnassigned29
TNT Game	Lectrosonics Standard Block 21	.350 560.700 E/7	GREEN ZONEUnassigned29
Ty Williams NBAE	Telex BTR-800 C TX	.325 561.025	GREEN ZONEUnassigned29
Alan Gilham	Lectrosonics Standard Block 21	.375 561.400 E/E	GREEN ZONEUnassigned29
Turner BJ	Lectrosonics Standard Block 21	.300 561.700 F/1	GREEN ZONEUnassigned29
TNT Game	Lectrosonics Standard Block 21	.300 562.000 F/4	GREEN ZONEUnassigned29
ENG John Scott	Telex BTR-800 C TX	.300 562.300	GREEN ZONEUnassigned29
TNT Game IFB	Lectrosonics Standard Block 21	.400 562.700 F/B	GREEN ZONEUnassigned29
NBAE Willie O	Lectrosonics Standard Block 22	.500 563.200 0/0	GREEN ZONEUnassigned29
TNT Game IFB	Lectrosonics Standard Block 22	.500 563.700 0/5	GREEN ZONEUnassigned29
Fox Sports	Lectrosonics Standard Block 22	.800 564.500 0/D	GREEN ZONEUnassigned29
TNT Game IFB	Lectrosonics Standard Block 22	.600 565.100 1/3	GREEN ZONEUnassigned29
TNT Studio Senn IFB	Lectrosonics Standard Block 22	.600 565.700 1/9	GREEN ZONEUnassigned29
TNT Game IFB	Generic	.350 566.050	GREEN ZONEUnassigned30
DanSzafra ENG	Lectrosonics Standard Block 22	.350 566.400 2/0	GREEN ZONEUnassigned30
TNT Studio Senn IFB	Generic	.350 566.750	<u>GREEN ZONEUnassigned30</u>
TNT Studio Senn IFB	Generic	.300 567.050	GREEN ZONEUnassigned30
TNT Studio	Generic	.600 567.650	GREEN ZONEUnassigned30
TNT Studio Senn IFB	Telex BTR-800 C TX	.300 567.950	GREEN ZONEUnassigned30
NBA TV	Generic	.400 568.350	GREEN ZONEUnassigned30
TNT Studio Senn IFB	Telex BTR-800 C TX	.300 568.650	GREEN ZONEUnassigned30
NBA TV	Generic	.500 569.150	GREEN ZONEUnassigned30
TNT Studio Senn IFB	Telex BTR-800 C TX	.325 569.475	GREEN ZONEUnassigned30
TNT Game IFB	Generic	.600 570.075	GREEN ZONEUnassigned30
NBA TV IFB	Lectrosonics Standard Block 22	.425 570.500 4/9	GREEN ZONEUnassigned30
TNT Studio Senn IFB	Lectrosonics Standard Block 22	.400 570.900 4/D	GREEN ZONEUnassigned30
Scott Bell	Generic	.500 571.400	GREEN ZONEUnassigned30
NBA TV IFB	Lectrosonics Standard Block 22	.300 571.700 5/5	GREEN ZONEUnassigned30
Batbold Sengee	Lectrosonics Standard Block 22	.300 572.000 5/8	GREEN ZONEUnassigned30
NBAE Evan Rockets	Generic	.375 572.375	GREEN ZONEUnassigned31 D
TNT Studio Senn IFB	Lectrosonics Standard Block 22	.925 573.300 6/5	GREEN ZONEUnassigned31 D
	Generic	4.775 578.075	GREEN ZONEUnassigned32

	Shure UHF-R J5	.325	578.400	GREEN ZONE Unassigned32
Firehouse	Shure UHF-R J5	.350	578.750	GREEN ZONE Unassigned32
TNT J5 Shure	Generic	.575	579.325	GREEN ZONE Unassigned32
NBA TV IFB	Lectrosonics Standard Block 22	.375	579.700	A/5 GREEN ZONE Unassigned32
Firehouse	Shure UHF-R J5	.550	580.250	GREEN ZONE Unassigned32
Firehouse	Shure UHF-R J5	.500	580.750	GREEN ZONE Unassigned32
Quantum Playermic	Generic	.325	581.075	GREEN ZONE Unassigned32
Firehouse	Sennheiser EM3732-II L	.375	581.450	GREEN ZONE Unassigned32
Rob Lynch	Generic	.405	581.855	GREEN ZONE Unassigned32
Quantum Playermic	Generic	.395	582.250	GREEN ZONE Unassigned32
Firehouse	Shure UHF-R J5	.300	582.550	GREEN ZONE Unassigned32
Cox Sports	Lectrosonics Standard Block 22	.350	582.900	C/5 GREEN ZONE Unassigned32
Quantum Playermic	Generic	.850	583.750	GREEN ZONE Unassigned32
TNT Shure J5	Generic	.700	584.450	GREEN ZONE Unassigned33
Quantum Playermic	Generic	1.200	585.650	GREEN ZONE Unassigned33
Firehouse	Shure UHF-R J5	.550	586.200	GREEN ZONE Unassigned33
Rob Lynch	Generic	.655	586.855	GREEN ZONE Unassigned33
DanSzafra ENG	Generic	.270	587.125	GREEN ZONE Unassigned33
MBN Rock	Generic	.425	587.550	GREEN ZONE Unassigned33
Quantum Playermic	Generic	.725	588.275	GREEN ZONE Unassigned33
KSAT Mark Mendez	Generic	.325	588.600	GREEN ZONE Unassigned33
Brools Meriwether	Generic	.400	589.000	GREEN ZONE Unassigned33
Ted Price Spurring Heavil	Generic	.750	589.750	GREEN ZONE Unassigned33
Firehouse	Telex BTR-800 E TX	2.100	591.850	GREEN ZONE Unassigned34
Quantum Playermic	Generic	.450	592.300	GREEN ZONE Unassigned34
Firehouse	Telex BTR-800 E TX	.650	592.950	GREEN ZONE Unassigned34
Firehouse	Telex BTR-800 E TX	1.475	594.425	GREEN ZONE Unassigned34
ESPN Radio Bob White	Lectrosonics Standard Block 23	.775	595.200	4/0 GREEN ZONE Unassigned34
Firehouse	Telex BTR-800 E TX	4.250	599.450	GREEN ZONE Unassigned35
Firehouse	Telex BTR-800 E TX	1.000	600.450	GREEN ZONE Unassigned35
Firehouse	Telex BTR-800 E TX	1.125	601.575	GREEN ZONE Unassigned35
Firehouse	Generic	6.725	608.300	GREEN ZONE Unassigned37
Firehouse	Generic	.825	609.125	GREEN ZONE Unassigned37
Firehouse	Generic	.700	609.825	GREEN ZONE Unassigned37
Firehouse	Generic	.650	610.475	GREEN ZONE Unassigned37
Firehouse	Generic	.625	611.100	GREEN ZONE Unassigned37
Firehouse	Generic	.975	612.075	GREEN ZONE Unassigned37
Firehouse	Generic	1.025	613.100	GREEN ZONE Unassigned37
Firehouse	Generic	.600	613.700	GREEN ZONE Unassigned37
Firehouse	Telex BTR-800 I RX	.500	614.200	GREEN ZONE Unassigned38
Kenny Delbert	Lectrosonics Standard Block 24	.300	614.500	0/1 GREEN ZONE Unassigned38
FOX Sports BOCC Prod	Lectrosonics Standard Block 24	.500	615.000	0/6 GREEN ZONE Unassigned38
TNT Studio Senn mic	Generic	.375	615.375	GREEN ZONE Unassigned38
Scott Bell	Lectrosonics Standard Block 24	.325	615.700	0/D GREEN ZONE Unassigned38
Firehouse	Telex BTR-800 I RX	.425	616.125	GREEN ZONE Unassigned38
TNT Studio Senn mic	Generic	.300	616.425	GREEN ZONE Unassigned38
WVUE	Lectrosonics Standard Block 24	.675	617.100	1/B GREEN ZONE Unassigned38
NBAE Willie O	Lectrosonics Standard Block 24	.600	617.700	2/1 GREEN ZONE Unassigned38
FOX Sports BOCC Prod	Lectrosonics Standard Block 24	1.100	618.800	2/C GREEN ZONE Unassigned38
TNT Studio Senn mic	Generic	.325	619.125	GREEN ZONE Unassigned38
Firehouse	Telex BTR-800 I RX	.375	619.500	GREEN ZONE Unassigned38
ENG Brian Peterson	Lectrosonics Standard Block 24	1.300	620.800	4/0 GREEN ZONE Unassigned39
Firehouse	Telex BTR-800 I RX	.300	621.100	GREEN ZONE Unassigned39
NBAE James Rippe	Lectrosonics Standard Block 24	.900	622.000	4/C GREEN ZONE Unassigned39
Firehouse	Shure UHF-R J5	1.225	623.225	GREEN ZONE Unassigned39
Turner Jioe	Lectrosonics Standard Block 24	2.475	625.700	7/1 GREEN ZONE Unassigned39
Firehouse	Shure UHF-R J5	.650	626.350	GREEN ZONE Unassigned40
NBA TV	Generic	.300	626.650	GREEN ZONE Unassigned40

TNT Studio Senn mic	Lectrosonics Standard Block 24	.550	627.200	8/0	GREEN ZONE Unassigned40
NBA TV	Generic	.350	627.550	'	GREEN ZONE Unassigned40
Firehouse	Generic	.300	627.850	'	GREEN ZONE Unassigned40
TNT Studio Senn mic	Shure UHF-R J5	.500	628.350	'	GREEN ZONE Unassigned40
NBA TV	Generic	.300	628.650	'	GREEN ZONE Unassigned40
TNT Studio Senn mic	Generic	.350	629.000	'	GREEN ZONE Unassigned40
Turner BJ	Lectrosonics Standard Block 24	.675	630.000	9/C	GREEN ZONE Unassigned40
Aymec du France	Sennheiser Evol G2 B	.300	630.300	'	GREEN ZONE Unassigned40
NBAE Willie O	Lectrosonics Standard Block 24	.400	630.700	' A/3	GREEN ZONE Unassigned40
NAE Brad	Sennheiser Evol G2 B	.300	631.000	'	GREEN ZONE Unassigned40
Firehouse	Shure UHF-R J5	.700	631.700	'	GREEN ZONE Unassigned40
Firehouse	Telex BTR-800 2 RX	.400	632.100	'	GREEN ZONE Unassigned41
Firehouse	HME Pro 850 9 RX	.350	632.450	'	GREEN ZONE Unassigned41
TNT Studio	Telex BTR-800 2 RX	.550	633.000	'	GREEN ZONE Unassigned41
Firehouse	Telex BTR-800 2 RX	.375	633.375	'	GREEN ZONE Unassigned41
NBAE Willie O	Lectrosonics Standard Block 24	.425	633.800	' C/2	GREEN ZONE Unassigned41
Firehouse	HME Pro 850 9 RX	.375	634.175	'	GREEN ZONE Unassigned41
Firehouse	Telex BTR-800 2 RX	.325	634.500	'	GREEN ZONE Unassigned41
TNT Studio	Telex BTR-800 2 RX	.300	634.800	'	GREEN ZONE Unassigned41
Firehouse	Telex BTR-800 2 RX	.425	635.225	'	GREEN ZONE Unassigned41
Firehouse	HME Pro 850 9 RX	.475	635.700	'	GREEN ZONE Unassigned41
Firehouse	Telex BTR-800 2 RX	.400	636.100	'	GREEN ZONE Unassigned41
Firehouse	HME Pro 850 9 RX	.300	636.400	'	GREEN ZONE Unassigned41
Firehouse	Sennheiser Evol G3 B	.725	637.125	'	GREEN ZONE Unassigned41
Firehouse	Telex BTR-800 2 RX	.375	637.500	'	GREEN ZONE Unassigned41
Firehouse	Telex BTR-800 2 RX	.300	637.800	'	GREEN ZONE Unassigned41
Firehouse	Telex BTR-800 2 RX	.425	638.225	'	GREEN ZONE Unassigned42
TNT Studio	Telex BTR-800 2 RX	.300	638.525	'	GREEN ZONE Unassigned42
TNT Game	Shure UHF-R L3	.425	638.950	'	GREEN ZONE Unassigned42
Firehouse	Telex BTR-800 2 RX	.350	639.300	'	GREEN ZONE Unassigned42
Firehouse	Telex BTR-800 2 RX	.500	639.800	'	GREEN ZONE Unassigned42
Kenny Delbert	Lectrosonics Standard Block 25	.400	640.200	0/2	GREEN ZONE Unassigned42
Firehouse	Telex BTR-800 2 RX	.325	640.525	'	GREEN ZONE Unassigned42
TNT Studio	Telex BTR-800 2 RX	.475	641.000	'	GREEN ZONE Unassigned42
Firehouse	Telex BTR-800 2 RX	.300	641.300	'	GREEN ZONE Unassigned42
TNT Game	Shure UHF-R L3	.300	641.600	'	GREEN ZONE Unassigned42
Firehouse	HME Pro 850 9 RX	.300	641.900	'	GREEN ZONE Unassigned42
Firehouse	Telex BTR-800 2 RX	.300	642.200	'	GREEN ZONE Unassigned42
Firehouse	HME Pro 850 9 RX	.400	642.600	'	GREEN ZONE Unassigned42
TNT Game	Shure UHF-R L3	.375	642.975	'	GREEN ZONE Unassigned42
TNT Studio	Telex BTR-800 2 RX	.375	643.350	'	GREEN ZONE Unassigned42
Firehouse	Telex BTR-800 2 RX	.300	643.650	'	GREEN ZONE Unassigned42
TNT Shure	Shure UHF-R L3	.300	643.950	'	GREEN ZONE Unassigned42
Firehouse	HME Pro 850 9 RX	.300	644.250	'	GREEN ZONE Unassigned43
Firehouse	Telex BTR-800 2 RX	.300	644.550	'	GREEN ZONE Unassigned43
Firehouse	HME Pro 850 9 RX	.400	644.950	'	GREEN ZONE Unassigned43
TNT Game	Shure UHF-R L3	.375	645.325	'	GREEN ZONE Unassigned43
Firehouse	HME Pro 850 9 RX	.475	645.800	'	GREEN ZONE Unassigned43
Coach mics BEXEL	Zaxcom Standard Block 25	.400	646.200	'	GREEN ZONE Unassigned43
Firehouse	Shure UHF-R L3	.300	646.500	'	GREEN ZONE Unassigned43
Firehouse	Telex BTR-800 2 RX	.300	646.800	'	GREEN ZONE Unassigned43
TNT Game	Shure UHF-R L3	.375	647.175	'	GREEN ZONE Unassigned43
Firehouse	HME Pro 850 9 RX	.425	647.600	'	GREEN ZONE Unassigned43
Firehouse	Shure UHF-R L3	.350	647.950	'	GREEN ZONE Unassigned43
Firehouse	HME Pro 850 9 RX	.350	648.300	'	GREEN ZONE Unassigned43
Firehouse	Shure UHF-R L3	.400	648.700	'	GREEN ZONE Unassigned43
Firehouse	HME Pro 850 9 RX	.400	649.100	'	GREEN ZONE Unassigned43

Coach mics BEXEL	Zaxcom Standard Block 25	.400	649.500	GREEN ZONE Unassigned43
Firehouse	Shure UHF-R L3	.300	649.800	GREEN ZONE Unassigned43
Firehouse	HME Pro 850 A RX	.300	650.100	GREEN ZONE Unassigned44
NBA TV	Telex BTR-800 3 RX	.300	650.400	GREEN ZONE Unassigned44
Firehouse	HME Pro 850 A RX	.525	650.925	GREEN ZONE Unassigned44
TNT Game	Telex BTR-800 3 RX	.300	651.225	GREEN ZONE Unassigned44
Firehouse	HME Pro 850 A RX	.300	651.525	GREEN ZONE Unassigned44
NBA TV	Telex BTR-800 3 RX	.300	651.825	GREEN ZONE Unassigned44
Firehouse	HME Pro 850 A RX	.425	652.250	GREEN ZONE Unassigned44
TNT Game	Telex BTR-800 3 RX	.300	652.550	GREEN ZONE Unassigned44
Firehouse	HME Pro 850 A RX	.325	652.875	GREEN ZONE Unassigned44
NBA TV	Telex BTR-800 3 RX	.300	653.175	GREEN ZONE Unassigned44
TNT Game	Telex BTR-800 3 RX	.300	653.475	GREEN ZONE Unassigned44
Firehouse	HME Pro 850 A RX	.300	653.775	GREEN ZONE Unassigned44
NBA TV	Telex BTR-800 3 RX	.300	654.075	GREEN ZONE Unassigned44
TNT Game	Telex BTR-800 3 RX	.425	654.500	GREEN ZONE Unassigned44
WGNO	Lectrosonics Standard Block 25	.300	654.800	9/4
Firehouse	HME Pro 850 A RX	.300	655.100	GREEN ZONE Unassigned44
TNT Game	Telex BTR-800 3 RX	.300	655.400	GREEN ZONE Unassigned44
NBA TV	Telex BTR-800 3 RX	.300	655.700	GREEN ZONE Unassigned44
Firehouse	HME Pro 850 A RX	.500	656.200	GREEN ZONE Unassigned45
Firehouse	Telex BTR-800 3 RX	.425	656.625	GREEN ZONE Unassigned45
TNT Game	Telex BTR-800 3 RX	.575	657.200	GREEN ZONE Unassigned45
TNT Shure	Shure UHF-R L3	.300	657.500	GREEN ZONE Unassigned45
TNT Game	Telex BTR-800 3 RX	.300	657.800	GREEN ZONE Unassigned45
Firehouse	Telex BTR-800 3 RX	.300	658.100	GREEN ZONE Unassigned45
Quantum Playermic IFB	Generic	.300	658.400	GREEN ZONE Unassigned45
Quantum Playermic IFB	Generic	.300	658.700	GREEN ZONE Unassigned45
TNT Game	Telex BTR-800 3 RX	.300	659.000	GREEN ZONE Unassigned45
Quantum Playermic IFB	Generic	.400	659.400	GREEN ZONE Unassigned45
Firehouse	Telex BTR-800 3 RX	.400	659.800	GREEN ZONE Unassigned45
TNT Game	Telex BTR-800 3 RX	.300	660.100	GREEN ZONE Unassigned45
Coach mics BEXEL	Zaxcom Standard Block 25	.400	660.500	GREEN ZONE Unassigned45
Quantum Playermic IFB	Generic	.300	660.800	GREEN ZONE Unassigned45
Quantum Playermic IFB	Generic	.400	661.200	GREEN ZONE Unassigned45
Miami Heat	Sony UWP 42/44	.300	661.500	45-44
Channel 15 Mobile	Generic	.375	661.875	GREEN ZONE Unassigned45
Firehouse	Telex BTR-800 3 RX	.425	662.300	GREEN ZONE Unassigned46
Firehouse	Telex BTR-800 3 RX	.575	662.875	GREEN ZONE Unassigned46
Firehouse	Telex BTR-800 3 RX	.475	663.350	GREEN ZONE Unassigned46
Firehouse	Telex BTR-800 3 RX	.575	663.925	GREEN ZONE Unassigned46
Quantum Playermic	Generic	.375	664.300	GREEN ZONE Unassigned46
Firehouse	Telex BTR-800 3 RX	.775	665.075	GREEN ZONE Unassigned46
Firehouse	Telex BTR-800 3 RX	.375	665.450	GREEN ZONE Unassigned46
Firehouse	Telex BTR-800 3 RX	.300	665.750	GREEN ZONE Unassigned46
Firehouse	Telex BTR-800 3 RX	.600	666.350	GREEN ZONE Unassigned46
Firehouse	Telex BTR-800 3 RX	.325	666.675	GREEN ZONE Unassigned46
ENG Brian Peterson	Lectrosonics Standard Block 26	.325	667.000	0/E
NBAE Guss	Lectrosonics Standard Block 26	.300	667.300	1/1
Firehouse	Telex BTR-800 3 RX	.450	667.750	GREEN ZONE Unassigned46
TNT Studio	Telex BTR-800 4 RX	.400	668.150	GREEN ZONE Unassigned47 D
TNT IFB	Lectrosonics Standard Block 26	.350	668.500	1/D
TNT Studio	Telex BTR-800 4 RX	.325	668.825	GREEN ZONE Unassigned47 D
ENG Brian Peterson	Lectrosonics Standard Block 26	.675	669.500	2/7
TNT Studio	Telex BTR-800 4 RX	.300	669.800	GREEN ZONE Unassigned47 D
TNT IFB	Lectrosonics Standard Block 26	.300	670.100	2/D
TNT Studio	Telex BTR-800 4 RX	1.375	671.475	GREEN ZONE Unassigned47 D
TNT Studio	Telex BTR-800 4 RX	.975	672.450	GREEN ZONE Unassigned47 D

TNT Studio Senn mic

Sony 6 India	Generic	1.275	673.725	GREEN ZONE Unassigned	47 D	
Alan Gilham	Generic	.400	674.125	GREEN ZONE Unassigned	48	
Fox Sports	Lectrosonics Standard Block 26	.375	674.500	GREEN ZONE Unassigned	48	
NBAE Brad	Lectrosonics Standard Block 26	.300	674.800	GREEN ZONE Unassigned	48	
NBAE Anthony Miller	Lectrosonics Standard Block 26	.300	675.100	GREEN ZONE Unassigned	48	
TNT Studio Senn mic	Lectrosonics Standard Block 26	.300	675.400	GREEN ZONE Unassigned	48	
Firehouse	Generic	.475	675.875	GREEN ZONE Unassigned	48	
TNT Studio	Telex BTR-800 4 RX	.300	676.175	GREEN ZONE Unassigned	48	
Quantum Playermic	Telex BTR-800 4 RX	.300	676.475	GREEN ZONE Unassigned	48	
Firehouse	Generic	.325	676.800	GREEN ZONE Unassigned	48	
TNT Studio	Telex BTR-800 4 RX	.475	677.275	GREEN ZONE Unassigned	48	
Quantum Playermic	Telex BTR-800 4 RX	.300	677.575	GREEN ZONE Unassigned	48	
Firehouse	Generic	.375	677.950	GREEN ZONE Unassigned	48	
Quantum Playermic	Telex BTR-800 4 RX	.575	678.525	GREEN ZONE Unassigned	48	
TNT Studio	Generic	.450	678.975	GREEN ZONE Unassigned	48	
Quantum Playermic	Telex BTR-800 4 RX	.525	679.500	GREEN ZONE Unassigned	48	
Firehouse	Generic	.325	679.825	GREEN ZONE Unassigned	48	
Firehouse	Telex BTR-800 4 RX	.325	680.150	GREEN ZONE Unassigned	49	
Firehouse	Telex BTR-800 4 RX	.525	680.675	GREEN ZONE Unassigned	49	
TNT Studio	Telex BTR-800 4 RX	.300	680.975	GREEN ZONE Unassigned	49	
Firehouse	Telex BTR-800 4 RX	.350	681.325	GREEN ZONE Unassigned	49	
Firehouse	Telex BTR-800 4 RX	.300	681.625	GREEN ZONE Unassigned	49	
Firehouse	Telex BTR-800 4 RX	.575	682.200	GREEN ZONE Unassigned	49	
TNT Studio	Telex BTR-800 4 RX	.425	682.625	GREEN ZONE Unassigned	49	
TNT Studio Senn mic	Generic	.300	682.925	GREEN ZONE Unassigned	49	
Firehouse	Telex BTR-800 4 RX	.575	683.500	GREEN ZONE Unassigned	49	
Firehouse	Telex BTR-800 4 RX	.375	683.875	GREEN ZONE Unassigned	49	
Alan Gilham	Lectrosonics Standard Block 26	.425	684.300	B/B	GREEN ZONE Unassigned	49
NBAE Brad	Lectrosonics Standard Block 26	.300	684.600	B/E	GREEN ZONE Unassigned	49
Firehouse	Telex BTR-800 4 RX	.325	684.925		GREEN ZONE Unassigned	49
Firehouse	Telex BTR-800 4 RX	.350	685.275		GREEN ZONE Unassigned	49
Quantum Playermic	Generic	.375	685.650		GREEN ZONE Unassigned	49
Allen Green IFB	Lectrosonics Standard Block 26	4.950	690.600	F/A	GREEN ZONE Unassigned	50 D
Firehouse	Shure UHF-R L3	1.550	692.150		GREEN ZONE Unassigned	51
Firehouse	Shure UHF-R L3	.575	692.725		GREEN ZONE Unassigned	51
Firehouse	Shure UHF-R L3	.300	693.025		GREEN ZONE Unassigned	51
ENG John Scott	Lectrosonics Standard Block 27	.375	693.400	1/6	GREEN ZONE Unassigned	51
TNT Studio Senn mic	Generic	1.050	694.450		GREEN ZONE Unassigned	51
Firehouse	HME Pro 850 C RX	.300	694.750		GREEN ZONE Unassigned	51
TNT Studio Senn mic	Generic	.550	695.300		GREEN ZONE Unassigned	51
Firehouse	Shure UHF-R L3	.325	695.625		GREEN ZONE Unassigned	51
Firehouse	HME Pro 850 C RX	.425	696.050		GREEN ZONE Unassigned	51
TNT Studio Senn mic	Generic	.550	696.600		GREEN ZONE Unassigned	51
Firehouse	HME Pro 850 C RX	.375	696.975		GREEN ZONE Unassigned	51
Quantum Playermic 6	Generic	.350	697.325		GREEN ZONE Unassigned	51
ENG John Scott	Lectrosonics Standard Block 27	.375	697.700	4/1	GREEN ZONE Unassigned	51
Firehouse	HME Pro 850 C RX	.300	698.000		GREEN ZONE Unassigned	51

Items printed in Red, Strike Through font are NOT Coordinated. Items printed in *Dark Yellow Italics* have new frequencies. Items printed in Underlined with Orange background do not match the freq range of the model. Items printed in Blue were manually accepted during IMD testing.

This report was prepared by:

James Stoffo
31146 Atlantis Drive, Big Pine Key, Florida 33043
(503) 863-7426
jsrguy@aol.com

Date: Monday, 23 February 2015 - 08:38:16

Created with the: Intermodulation Analysis System v4.99.1.0 - Professional Edition

Copyright Professional Wireless Systems, All Rights Reserved, 2015